

Work Order ID 63962

November 23, 2010 7:16:33 AM



Page 1

Item ID: D412-702-341

Revision ID:

Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10 Start Qty: 2.00

Required Date: 11/30/10 Req'd Qty: 2.00

Reference:

Accept



Setup

Start



Stop



Cust Item ID:



Customer:



Approvals: Process Plan: *W*

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/<br>Work Center ID | Operation<br>Description |
|--------------------------------|--------------------------|
|--------------------------------|--------------------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
|----------|--------------|

DSI9511

A

100



DOCUMENT CONTROL

DC

Document Control

Memo

0.00

0.00

0.00

0.00

105



Pick Kit

Packaging

Packaging

Memo

0.00

CD for BG 10/11/23

8/10/23

10/11/23

*JP*

110



QC

Quality Control

QC4- 100% Inspect kits for completeness

0.00

0.00

8/10/23

(R)

# Work Order ID 63962

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Page 2

Item ID: D412-702-341

Accept



Setup

Start



Revision ID:

Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10 Start Qty: 2.00



Required Date: 11/30/10 Req'd Qty: 2.00



Reference:

Cust Item ID:

Customer:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

120



Packaging

Packaging

Operation  
Description

Packaging

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Reject  
Stamp

Insp.  
Stamp

Memo

0.00

Identify and pack for shipping as per PPP D412-702-341

Location: 52

PPP Rev: A

130



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/12/13

CK. 10/12/13

MF  
10-12-13

# Picklist Print

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Work Order ID: 63962



Parent Item: D412-702-341



Parent Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10

Required Date: 11/30/10

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

| Component Item ID/<br>Item Name  | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status                 |
|----------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|------------------------|
| D412-702-301<br>Harness Assembly |                        | Manufactured  | No          | <del>623971</del>   |                  | 105             | Each               | 0.0000         | 2           | 4            | 1             | <u>B61597</u>  | <u>B63969</u> 10/11/23 |
| D412-702-303<br>Harness Assembly |                        | Manufactured  | No          | <u>623971</u>       | (3x)             | 105             | Each               | 0.0000         | 2           | 4            | 1             | <u>B61598</u>  | <u>10/11/23</u>        |
| D412-702-305<br>Harness Assembly |                        | Manufactured  | No          |                     |                  | 105             | Each               | 0.0000         | 1           | 2            | 1             | <u>B61599</u>  | <u>10/11/23</u>        |
| D412-702-307<br>Harness Assembly |                        | Manufactured  | No          |                     |                  | 105             | Each               | 0.0000         | 1           | 2            | 1             | <u>B61600</u>  | <u>B63970</u> 10/11/23 |
| D412-702-309<br>Harness Assembly |                        | Manufactured  | No          |                     |                  | 105             | Each               | 2.0000         | 1           | 2            | 1             | <u>61601</u>   | <u>10/11/23</u>        |

|                                  |  |              | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |        |
|----------------------------------|--|--------------|-----------------|----------------|-----------------|--------|
| D412-702-311<br>Harness Assembly |  | Manufactured | No              | ST269<br>62334 | 2<br>2          | 0.0000 |
| D412-702-313<br>Harness Assembly |  | Manufactured | No              | 105            | Each            | 2.0000 |
|                                  |  |              |                 |                |                 |        |

|  |  |  | <u>Location</u>           | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|--|--|---------------------------|----------------|-----------------|
|  |  |  | ST269<br><del>62332</del> | 2<br>2         |                 |

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Work Order ID: 63962



Parent Item: D412-702-341



Parent Item Name: 13-Man Shoulder Harness, 3 point

D412-702-315

Manufactured

No

105

Each

0.0000

Start Date: 11/22/10

Required Date: 11/30/10

Start Qty: 2.00

Required Qty: 2.00



Harness Assembly

D412-702-317

Manufactured

No

105

Each

0.0000

1 2  
B64087 (11/12/13)

~~B63974 10/11/23SF~~



Harness Assembly

D412-702-321

Manufactured

No

105

Each

0.0000

1 2  
B63975 (11/12/13)

~~B63976 10/11/23SF~~



Harness Assembly

D412-702-323

Manufactured

No

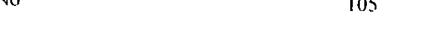
105

Each

0.0000

1 2  
B63977 (11/12/13)

~~B63978 10/11/23SF~~



Harness Assembly

D412-702-059

Manufactured

No

105

Each

0.0000

1 2  
B63979 (11/12/13)

~~B63980 10/11/23SF~~



Grommet

D3761-1-041

Manufactured

No

105

Each

82.0000

1 2  
B61451 (43) B56400 (43)

~~10/11/23SF~~



HOOK & LOOP STRIP

03761-4

## Location

ST245

63903

## Loc Qty

82

82

## Loc Code

\_\_\_\_\_

1 4  
10/11/23SF

## Location

ST245

32606  
59051

## Loc Qty

8

2

6

## Loc Code

\_\_\_\_\_

7  
10/11/23SF

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Shop Packet Print

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Work Order ID: 63962



Parent Item: D412-702-341



Parent Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10

Required Date: 11/30/10

Start Qty: 2.00

Required Qty: 2.00

D3571-1



Guide

Manufactured No 105 Each 20.0000

7  
14  
34  
B68480

10/11/23SF

D3571-3



Guide

Manufactured No 105 Each 11.0000

2  
11  
4  
10/11/23SF

D3572-041



Guide Assembly

Manufactured No 105 Each 3.0000

2  
3  
4  
10/11/23SF

B62063  
B62337  
10/11/24SF

D3578-041



Doubler

Manufactured No 105 Each 21.0000

12  
24  
6x  
B61896

10/11/23SF

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Parent Item: D412-702-341



Parent Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10

Required Date: 11/30/10

Start Qty: 2.00

Required Qty: 2.00

D3610-041



Bracket

Manufactured No 105 Each 6.0000 2

42x  
B47144

10/11/23

D3618-1



CAP

Manufactured No 105 Each 67.0000 2

2  
4

10/11/23

.AN4-10A



Bolt

Purchased No 105 Each 81.0000 4

5  
8

10/11/23

AN4-16A



Bolt

Purchased No 105 Each 120.0000 2

4

10/11/23

2

Location Loc Qty Loc Code

ST356 81 \_\_\_\_\_

113422 1 \_\_\_\_\_

114523 40 \_\_\_\_\_

115835 40 \_\_\_\_\_

ST360 120 \_\_\_\_\_

115374 20 \_\_\_\_\_

115422 100 \_\_\_\_\_

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Work Order ID: 63962



Parent Item: D412-702-341



Parent Item Name: 13-Man Shoulder Harness, 3 point

Start Date: 11/22/10

Required Date: 11/30/10

Start Qty: 2.00

Required Qty: 2.00

AN4-25A



Purchased

No

105

Each

58.0000

4

8

10/11/23



Location

Loc Qty

Loc Code

ST360

58

§

111605

8

114330

50

105

Each

28.0000

4

8

10/11/23



Location

Loc Qty

Loc Code

ST360

28

§

114752

28

105

Each

77.0000

2

4

10/11/23



Location

Loc Qty

Loc Code

ST360

77

§

104806

77

105

Each

53.0000

2

4

10/11/23



Location

Loc Qty

Loc Code

ST260

53

§

108560

3

114718

50

105

Each

2

4

10/11/23



MS24693-S274



Purchased

No

105

Each

53.0000

2

4

10/11/23



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Work Order ID: 63962

Parent Item: D412-702-341

Parent Item Name: 13-Man Shoulder Harness. 3 point



MS24694-S56



SCREW

Purchased

No

105

Each

98.0000

3

Start Date: 11/22/10

Start Qty: 2.00

6

101103SP

MS24694-S58



Screw

Purchased

No

105

Each

86.0000

10

6

101103SP

MS24694-S60



Screw

Purchased

No

105

Each

114.0000

1

20

101103SP

AN960JD416



Washer

NAS1149D0463J

Purchased

No

105

Each

24.0000

26

2

52  
1115622 1116023  
462

AN960JD416L



Washer

NAS1149D0416J

Purchased

No

105

Each

186.0000

4

8

101103SP

Location

Loc Qty

Loc Code

ST289A

114

104407

114

ST300

24

113288

24

ST346

186

106785

2

110153

184

Shop Packet Print

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# Picklist Print

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Page 7

Work Order ID: 63962

Parent Item: D412-702-341

Parent Item Name: 13-Man Shoulder Harness, 3 point



Start Date: 11/22/10

Start Qty: 2.00

Required Date: 11/30/10

Required Qty: 2.00

MS21042L4



Purchased

No

105

Each

5,566.000

12

24



MS21042L4

11/11/2358

11/11/2358

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

|         |      |     |
|---------|------|-----|
| ST300   | 5566 |     |
| 1123143 | 2    |     |
| 115589  | 964  | 18x |
| 115621  | 1100 |     |
| 116188  | 3500 |     |

CR3212-4-4



Cherry Rivet

Purchased

No

105

Each

82.0000

24

48



MS21042L4

11/11/2359

11/11/2359

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

|        |    |     |
|--------|----|-----|
| ST311  | 82 |     |
| 114716 | 82 | 36x |

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3  
REF TCCA STC SH04-7  
REF FAA STC SR01997NY  
REF EASA STC EASA.I.M.R.S.00710

## REFERENCE

This service instruction adds several kits equipped with improved inertia reels:

The Dart D412-702-341 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-343 5-Man Forward Facing Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-345 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-347 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-349 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the D412-702-049B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-351 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart D214-702-337 5-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model aircraft. This kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

The Dart D205-702-353 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder harnesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

|                         |          |
|-------------------------|----------|
| CANADA                  |          |
| DEPARTMENT OF TRANSPORT |          |
| AIRCRAFT CERTIFICATION  |          |
| BRANCH                  |          |
| DAO # 01-O-01           |          |
| APPROVED                |          |
| BY:                     |          |
| D. SHEPHERD (DE # 02)   |          |
| DATE:                   | 10.03.22 |
| CERT. NO.:              | SH04-7   |
| ISSUE NO.:              | 3        |

| A  | NEW ISSUE   | CP  | 10.03.18     |
|--|-------------|---|--------------|
| REV.   | DESCRIPTION | BY  | DATE         |
| DESIGN   | 99          | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |              |
| DRAWN  | 99          |   |              |
| CHECKED  | 1           |   |              |
| MFG. APPR.   | N/A         |   |              |
| APPROVED   | 100         | DRAWING NO.                                       | REV. A       |
| DE APPR.   | 1           | DSI 9511  | SHEET 1 OF 6 |
| DATE   | 10.03.18    | TITLE   | SCALE        |
|  |             | NEW SHOULDER HARNESS KITS                         | NTS          |
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*S*  
**REFERENCE UNL**

**INSTALLATION**

The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

**TABLE 1**

| Part Number  | Description          | Install similar to:  |
|--------------|----------------------|--|
| D412-702-341 | Shoulder Harness Kit | D412-702-041B (IIN-D412-702, DSI 9408)   |
| D412-702-343 | Shoulder Harness Kit | D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408)                             |
| D412-702-345 | Shoulder Harness Kit | D412-702-045B (IIN-D412-702, DSI 9469)   |
| D412-702-347 | Shoulder Harness Kit | D412-702-047B (IIN-D412-702, DSI 9408)   |
| D412-702-349 | Shoulder Harness Kit | D412-702-049B (IIN-D412-702, DSI 9408)   |
| D412-702-351 | Shoulder Harness Kit | D412-702-051B (LH) (DSI 9397, DSI 9408)<br>D412-702-052B (RH) (DSI 9397, DSI 9408) |
| D214-702-337 | Shoulder Harness Kit | D214-702-037B (DSI 9454)   |
| D205-702-353 | Shoulder Harness Kit | D205-702-053B (DSI 9460)   |
| D412-702-301 | Harness Assembly     | D412-702-101B (IIN-D412-702)   |
| D412-702-303 | Harness Assembly     | D412-702-103B (IIN-D412-702)   |
| D412-702-305 | Harness Assembly     | D412-702-105B (IIN-D412-702)   |
| D412-702-307 | Harness Assembly     | D412-702-107B (IIN-D412-702)   |
| D412-702-309 | Harness Assembly     | D412-702-109B (IIN-D412-702)   |
| D412-702-311 | Harness Assembly     | D412-702-111B (IIN-D412-702)   |
| D412-702-313 | Harness Assembly     | D412-702-113B (IIN-D412-702)   |
| D412-702-315 | Harness Assembly     | D412-702-115B (IIN-D412-702)   |
| D412-702-317 | Harness Assembly     | D412-702-117B (IIN-D412-702)   |
| D412-702-319 | Harness Assembly     | D412-702-119B (DSI 9454)   |
| D412-702-321 | Harness Assembly     | D412-702-121B (DSI 9454, DSI 9469)   |
| D412-702-323 | Harness Assembly     | D412-702-123B (DSI 9454, DSI 9469)   |

|                         |                    |
|-------------------------|--------------------|
| CANADA                  |                    |
| DEPARTMENT OF TRANSPORT |                    |
| AIRCRAFT CERTIFICATION  |                    |
| BRANCH                  |                    |
| DAO # 01-O-01           |                    |
| <b>APPROVED</b>         |                    |
| BY:                     | <i>[Signature]</i> |
| D. SHEPHERD (DE # 02)   |                    |
| DATE:                   | 10.03.22           |
| CERT. NO.:              | SH04-7             |
| ISSUE NO.:              | 3                  |

|   |            |  |
|---|------------|--|
| DESIGN  | <i>90</i>  | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA<br>DRAWING NO.<br>DSI 9511<br>TITLE<br>NEW SHOULDER HARNESS KITS<br>NTS |
| DRAWN   | <i>99</i>  |  |
| CHECKED   | <i>b</i>   |  |
| MFG. APPR.  | N/A        |  |
| APPROVED  | <i>100</i> |  |
| DE APPR.  | <i>77</i>  |  |
| DATE  | 10.03.18   |  |
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**PARTS LIST****TABLE 2**

| QTY<br>-341 | QTY<br>-343 | QTY<br>-345 | QTY<br>-347 | QTY<br>-349 | QTY<br>-351 | Part Number  | Description  |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
| X           |             |             |             |             |             | D412-702-341 | Dart 13-Man 3-Point Shoulder Harness Kit               |
|             | X           |             |             |             |             | D412-702-343 | Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit |
|             |             | X           |             |             |             | D412-702-345 | Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit     |
|             |             |             | X           |             |             | D412-702-347 | Dart 4-Man 3-Point Side Facing Shoulder Harness Kit    |
|             |             |             |             | X           |             | D412-702-349 | Dart 1-Man 3-Point Forward Shoulder Harness Kit        |
|             |             |             |             |             | X           | D412-702-351 | Dart 1-Man 3-Point Shoulder Harness Kit                |
| 1           | 1           |             | 1           | 1           |             | D412-702-059 | GROMMET KIT  |
| 9           | 5           |             | 4           | 1           | 1           | D3761-1-041  | HOOK AND LOOP STRIP (DSI 9408)                         |
| 2           | 1           |             | 1           |             |             | D412-702-301 | HARNESS ASSEMBLY (NEW)                                 |
| 1*          | 1*          |             | 1*          |             |             | D3573-7      | ADAPTER  |
| 1*          | 1*          |             | 1*          |             |             | D4088-041    | SHOULDER HARNESS (NEW)                                 |
| 4*          | 4*          |             | 4*          |             |             | MS24693S272  | SCREW  |
| 4*          | 4*          |             | 4*          |             |             | AN960JD10LL  | WASHER   |
| 4*          | 4*          |             | 4*          |             |             | MS21042L3    | NUT  |
| 2           | 1           |             | 1           |             |             | D412-702-303 | HARNESS ASSEMBLY (NEW)                                 |
| 1*          | 1*          |             | 1*          |             |             | D3573-8      | ADAPTER  |
| 1*          | 1*          |             | 1*          |             |             | D4088-041    | SHOULDER HARNESS (NEW)                                 |
| 4*          | 4*          |             | 4*          |             |             | MS24693S272  | SCREW  |
| 4*          | 4*          |             | 4*          |             |             | AN960JD10LL  | WASHER   |
| 4*          | 4*          |             | 4*          |             |             | MS21042L3    | NUT  |
| 1           | 1           |             | 1           |             |             | D412-702-305 | HARNESS ASSEMBLY (NEW)                                 |
| 1*          | 1*          |             | 1*          |             |             | D3573-1      | ADAPTER  |
| 1*          | 1*          |             | 1*          |             |             | D4088-041    | SHOULDER HARNESS (NEW)                                 |
| 4*          | 4*          |             | 4*          |             |             | MS24693S273  | SCREW  |
| 4*          | 4*          |             | 4*          |             |             | AN960JD10LL  | WASHER   |
| 4*          | 4*          |             | 4*          |             |             | MS21042L3    | NUT  |
| 1           | 1           |             |             | 1           |             | D412-702-307 | HARNESS ASSEMBLY (NEW)                                 |
| 1*          | 1*          |             |             | 1*          |             | D3573-3      | ADAPTER  |
| 1*          | 1*          |             |             | 1*          |             | D4088-041    | SHOULDER HARNESS (NEW)                                 |
| 4*          | 4*          |             |             | 4*          |             | MS24693S272  | SCREW  |
| 4*          | 4*          |             |             | 4*          |             | AN960JD10LL  | WASHER   |
| 4*          | 4*          |             |             | 4*          |             | MS21042L3    | NUT  |
| 1           | 1           |             |             |             |             | D412-702-309 | HARNESS ASSEMBLY (NEW)                                 |
| 1*          | 1*          |             |             |             |             | D3573-3      | ADAPTER  |
| 1*          | 1*          |             |             |             |             | D4088-041    | SHOULDER HARNESS (NEW)                                 |
| 4*          | 4*          |             |             |             |             | MS24693S272  | SCREW  |
| 4*          | 4*          |             |             |             |             | AN960JD10LL  | WASHER   |
| 4*          | 4*          |             |             |             |             | MS21042L3    | NUT  |

\* denotes that part is included in assembly above

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| MFG. APPR.   | N/A        |  |        |
| APPROVED   | <i>100</i> | TITLE  | SCALE  |
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| QTY<br>-341 | QTY<br>-343 | QTY<br>-345 | QTY<br>-347 | QTY<br>-349 | QTY<br>-351 | Part Number  | Description            |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| 1           |             | 1           |             |             |             | D412-702-311 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3570-1      | BRACKET                |
| 1*          |             | 1*          |             |             |             | D4088-043    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24694S50   | SCREW                  |
| 4*          |             | 4*          |             |             |             | AN960JD10L   | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |
| 1           |             | 1           |             |             |             | D412-702-313 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3570-2      | BRACKET                |
| 1*          |             | 1*          |             |             |             | D4088-043    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24694S50   | SCREW                  |
| 4*          |             | 4*          |             |             |             | AN960JD10L   | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |
| 1           |             | 1           |             |             |             | D412-702-315 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3573-5      | ADAPTER                |
| 1*          |             | 1*          |             |             |             | D4088-041    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24693S272  | SCREW                  |
| 4*          |             | 4*          |             |             |             | AN960JD10LL  | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |
| 1           |             | 1           |             |             |             | D412-702-317 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3573-5      | ADAPTER                |
| 1*          |             | 1*          |             |             |             | D4088-041    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24693S272  | SCREW                  |
| 4*          |             | 4*          |             |             |             | AN960JD10LL  | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |
| 1           |             | 1           |             |             |             | D412-702-321 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3570-3      | BRACKET                |
| 1*          |             | 1*          |             |             |             | D4088-043    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24694S50   | BOLT                   |
| 4*          |             | 4*          |             |             |             | AN960JD10L   | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |
| 1           |             | 1           |             |             |             | D412-702-323 | HARNESS ASSEMBLY (NEW) |
| 1*          |             | 1*          |             |             |             | D3570-4      | BRACKET                |
| 1*          |             | 1*          |             |             |             | D4088-043    | SHOULDER HARNESS (NEW) |
| 4*          |             | 4*          |             |             |             | MS24694S50   | BOLT                   |
| 4*          |             | 4*          |             |             |             | AN960JD10L   | WASHER                 |
| 4*          |             | 4*          |             |             |             | MS21042L3    | NUT                    |

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| MFG. APPR.   | N/A       |                           |              |
| APPROVED   | <i>10</i> | DSI 9511                  | SHEET 4 OF 6 |
| DE APPR.   | <i>11</i> |                           |              |
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| QTY<br>-341 | QTY<br>-343 | QTY<br>-345 | QTY<br>-347 | QTY<br>-349 | QTY<br>-351 | Part Number | Description     |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| 2           | 2           |             |             |             |             | D3542-1     | BRACKET         |
| 7           | 3           |             | 4           | 1           |             | D3571-1     | GUIDE           |
| 2           | 2           |             |             |             |             | D3571-3     | GUIDE           |
| 2           |             | 2           |             |             |             | D3572-041   | GUIDE ASSEMBLY  |
| 12          | 6           |             | 6           | 2           |             | D3578-041   | DOUBLER         |
| 2           | 2           |             |             |             |             | D3610-041   | BRACKET         |
| 2           | 2           |             |             |             |             | D3618-1     | CAP             |
| 4           | 4           |             |             |             |             | AN4-10A     | BOLT            |
| 2           |             | 2           |             |             |             | AN4-16A     | BOLT            |
| 4           |             | 4           |             |             |             | AN4-25A     | BOLT            |
| 4           |             | 4           |             |             |             | AN4-27A     | BOLT (DSI 9469) |
| 2           | 2           |             |             |             |             | AN4-44A     | BOLT            |
| 2           | 2           |             |             |             |             | MS24693S274 | SCREW           |
| 3           | 3           |             |             | 1           |             | MS24694S56  | SCREW           |
| 10          | 2           |             | 8           |             |             | MS24694S58  | SCREW           |
| 1           | 1           |             |             | 1           |             | MS24694S60  | SCREW           |
| 26          | 6           | 20          |             |             |             | AN960JD416  | WASHER          |
| 4           | 4           |             |             |             |             | AN960JD416L | WASHER          |
| 12          | 6           | 6           |             |             |             | MS21042L4   | NUT             |
| 24          | 12          |             | 12          | 4           |             | CR3212-4-4  | RIVET           |

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| DESIGN     | <i>90</i>  | DRAWING NO.<br>DSI 9511   | REV. A<br>SHEET 5 OF 6 |
| DRAWN      | <i>90</i>  |   |                        |
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TABLE 3

| QTY<br>-337 | QTY<br>-353 | Part Number  | Description   |
|-------------|-------------|--------------|---|
| X           |             | D214-702-337 | Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft  |
|             | X           | D205-702-353 | Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft |
| 1           | 2           | D412-702-311 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2                                 |
| 1           | 2           | D412-702-313 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2                                 |
| 1           |             | D412-702-321 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2                                 |
| 1           |             | D412-702-323 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2                                 |
| 1           |             | D412-702-319 | HARNESS ASSEMBLY (NEW)  |
| 1*          |             | D3925-041    | BRACKET   |
| 1*          |             | D4088-043    | SHOULDER HARNESS ASSEMBLY (NEW)                                       |
| 4*          |             | MS24694S50   | BOLT  |
| 4*          |             | AN960JD10L   | WASHER  |
| 4*          |             | MS21042L3    | NUT   |
|             | 1           | D3572-043    | GUIDE ASSY  |
|             | 1           | D3572-044    | GUIDE ASSY  |
| 1           |             | D3920-041    | SEATBELT GUIDE ASSEMBLY   |
| 2           |             | D3920-5      | SEATBELT GUIDE  |
| 1           | 6           | AN4-16A      | BOLT  |
| 1           |             | AN4-21A      | BOLT  |
| 7           |             | AN4-25A      | BOLT  |
| 18          | 12          | AN960JD416   | WASHER  |
| 9           | 6           | MS21042L4    | NUT   |

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| BY:                     | D. SHEPHERD (DE # 02) |
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| DRAWN   | 97       |   |
| CHECKED   | 1        |   |
| MFG. APPR.  | N/A      |   |
| APPROVED  | 100      | DRAWING NO.<br>DSI 9511                           |
| DE APPR.  | 100      | REV. A<br>SHEET 6 OF 6                            |
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